

THE UNITED STATES OF AMERICA

TO ALL TO WHOM: THESE: PRESENTS: SHAVE COME;

Monsanto Jechnology LIG

There has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANE. THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLEMSHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR WPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT SED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

CORN, FIELD

'I285302'

In Jestimonn Thereof, I have hereunto set my hand and caused the seal of the Hunt Inviety Frotection Office to be affixed at the City of Washington, D.C. this twenty-fifth day of November, in the year two thousand and eight.

Perz

Commissioner Plant Variety Protoction Office Agricultural Marketing Service Edward T. Schafe

ry of Agriculture

Patent Scientist

ST-470 (02-10-2003) designed by the Plant Variety Protection Office using Word 2000, Rep.

U.S. DEPARTMENT OF AGRICULTURE The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE the Paperwork Reduction Act (PRA) of 1995. Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426). APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE (Instructions and information collection burden statement on reverse) 1. NAME OF OWNER 2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME 3. VARIETY NAME Monsanto Technology L.L.C. ムレ 1285302 None 4. ADDRESS (Sireet and No., or R.F.D. No., City, State, and ZIP Code, and Country) 5. TELEPHONE (include area code) FOR OFFICIAL USE ONLY PVPO NUMBER (815) 758-9281 800 N. Lindbergh Blvd. Creve Coeur, MO 63167 6. FAX (include area code) (815) 758-3117 FILING DATE 7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF 8. IF INCORPORATED, GIVE STATE OF INCORPORATION 9. DATE OF INCORPORATION March 1, 2006 ORGANIZATION (corporation, partnership, asso August 27, 1999 Corporation Delaware 10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) FILING AND EXAMINATION FEES: \$ 4382.00 Timothy R. Kain Michael J. Roth 8350 Minnegan Road 800 N. Lindbergh Blvd. Waterman, IL 60556 Creve Coeur, MO 63167 U.S.A. DATE 10/29/08 U.S.A. 11. TELEPHONE (Include area code) 14. CROP KIND (Common Name) 12. FAX (include area code) 13. E-MAIL (815) 758-9281 trkain@monsanto.com (815) 758-3117 Corn, Field 15. GENUS AND SPECIES NAME OF CROP 16. FAMILY NAME (Botanical) 17. IS THE VARIETY A FIRST GENERATION Zea mays Graminae X_{NO} ☐ YES 19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act)

U YES (If "yes", answer items 20 and 21 below)

X NO (If "no", go to item 22) CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) X Exhibit A. Origin and Breeding History of the Variety b. X Exhibit B. Statement of Distinctness 20. DOES THE OWNER SPECIFY THAT SEED OF THIS \Box □ NO VARIETY BE LIMITED AS TO NUMBER OF CLASSES? X Exhibit C. Objective Description of Variety d. D Exhibit D. Additional Description of the Variety (Optional) IF YES, WHICH CLASSES? ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED X Exhibit E. Statement of the Basis of the Owner's Ownership 21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, f. X verification that tissue culture will be deposited and maintained in an approved public IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS. g. X Filing and Examination Fee (\$3,652), made payable to "Treasurer of the United FOUNDATION REGISTERED CERTIFIED States* (Mail to the Plant Variety Protection Office) (If additional explanation is necessary, please use the space indicated on the reverse.) 22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. 23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? OTHER COUNTRIES? □ NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR REFERENCE NUMBER. (Please use space indicated on reverse.) FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.) The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties. SIGNATURE OF OWNER SIGNATURE OF OWNER moth NAME (Please print or type, NAME (Please print or type) Timothy R. Kain CAPACITY OR TITLE CAPACITY OR TITLE DATE

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$3,652 (\$432 filing fee and \$3,220 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office Telephone: (301) 504-5518 FAX: (301) 504-5291

Homepage: http://www.ams.usda.gov/science/pvpo/pvp.htm

ITEM

18a. Give:

- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;

(3) evidence of uniformity and stability; and

- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
 - (1) identify these varieties and state all differences objectively:

(2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and

- (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- . 18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 22. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 23. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.
- 21. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 22. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

Parent of a hybrid sold in the U.S. - April 2005

23. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

U.S. Patent Application No. 11/098,605 - filed April 4, 2005 (1285302)

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filling a change of address. The fee for filling a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131. 97.175(h) of the Regulations and Rules of Practice.)

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center-East, Beltsville, MD 20705, Telephone: (301) 504-8089. http://www.ams.usda.gov/isg/seed.htm

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 3.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD), USDA is an equal opportunity provider and employer, ST-470 (02-10-2003) designed by the Plant Variety Protection Office with Word 2000. Replai

EXHIBIT A (revised)

Origin and Breeding History I285302

I285302 was selected for its was selected for its YLD:MST (Yield-to-Moisture) ratio, improved root and stalk strength, improved grain quality, short plant stature, and general combining ability.

Winter 1996-1997	The inbred line 01INL1 (a proprietary DEKALB Genetics Corporation inbred) was crossed to the inbred line 91INH2 (a proprietary DEKALB Genetics Corporation inbred) in the Maui Elite Section nursery rows E20 and E148.
Summer 1997	The S0 seed was grown and self-pollinated in Owatonna, Minnesota nursery row 97N:1553.
Summer 1998	S1 seed was grown and self-pollinated in Owatonna, Minnesota nursery rows 98N:1241-1270. 41 S2 ears were kept.
Summer 1999	S2 ears were grown ear-to-row and self-pollinated in Owatonna, Minnesota nursery YT1. Three ears were selected in nursery row YT1:5049.
Summer 2000	S3 ears were grown ear-to-row and self-pollinated in Owatonna, Minnesota nursery YT2. Three ears from nursery row YT2:40569 were selected.
Winter 2000-01	S4 ears were grown ear-to-row and self-pollinated. Three ears from nursery row SS3 M 000422 were selected.
Summer 2001	S5 ears were grown ear-to-row and self-pollinated in Owatonna, Minnesota nursery 01PAT. Two ears were selected from row 01PAT 040316. Line was named 1285302.
Winter 2001-02	S6 ears were grown ear-to-row and self-pollinated. 10 ears were selected from nursery row LS2HI 000099.
Summer 2002	S7 ears were grown ear-to-row and self-pollinated in Owatonna, Minnesota Breeding Nursery. Final selection was completed in nursery rows 30691 to 30693. This selection consisted of bulking S8 ears.

Statement of Stability and Uniformity

Corn inbred I285302 was coded in 2001 with final selection made in 2002. This inbred has been reproduced by self pollination for two generations and judged to be stable. Inbred I285302 is uniform for all traits observed.

Statement of Variants

1285302 shows no variants other than what would normally be expected due to environment or that would occur for almost any character during the course of repeated sexual reproduction.

EXHIBIT B (revised)

Statement of Distinctness

Monsanto Technology L.L.C. believes that I285302 is most similar to corn inbred 91INH2, an inbred developed by DEKALB Genetics Corporation.

I285302 and 91INH2 differ most significantly in the following traits:

Trait	1285302	91INH2
Glume Color	Purple (5 RP 5/8)	Green (5 GY 4/8)
Silk Color	Green-Yellow (2.5 GY 8/6)	Pink (2.5 R 7/6)

2003

Variety	Tassel Branch No.
1285302	12.4
	(Std Dev = 1.3, N= 10)
91INH2	8.5
	(Std Dev = 1.5, N= 10)
P_Val	0.000
Signif.	**

2004

Variety	Tassel Branch No.
1285302	14.8
	(Std Dev = 1.6, N= 10)
91INH2	6.9
	(Std Dev = 1.4, N= 10)
P_Val	0.000
Signif.	**

Significance levels are indicated as: + = 10%, * = 5%, ** = 1%

Corn variety I285302 has purple glume color, green-yellow silk and greater number of tassel branches while comparative corn variety 91INH2 has green glume color, pink silk color and less tassel branches.

EXHIBIT B (revised)

Description of Experimental Design

The corn varieties I285302, 91INH2 and A619 were grown at the Waterman, IL observation nursery in years 2003-2004. The varieties were planted in 2 row plots with 15 plants per row in each of the three years. Trait data were collected on 10 random representative plants for most traits from each 2 row plot. Data on qualitative traits are usually collected on 10 plants from each 2 row plot. For Exhibit C all data were pooled and reported as means across the years for subject variety and the standard variety with standard deviation. The varieties are randomly planted in a 4.5 acre observation nursery which is located within a larger 18 acre field. Besides the observation nursery, this field consists of a research seed increase nursery and an IP seed inventory nursery. The location of each of these individual nurseries is rotated each year to a different location within the 18 acre field. Therefore subject inbreds are not planted adjacent to comparative or standard varieties and may be located in different areas of the larger field each year, therefore being influenced by spacial differences within the field. Growing conditions within the field are not uniform as there are some slight topographical variations such as lower areas which may accumulate and retain water or higher areas which are usually drier. The field is tiled and therefore a variety maybe planted close to a tile line while a comparative variety maybe planted further away and in a low spot within the field. Temporal varieties can exist as weather conditions from year to year can vary as well as planting dates can vary from year to year based on weather conditions. Weather conditions each year can vary the maturity rate of the varieties due to either favorable or unfavorable growing conditions.

Trait variability is not observed for each variety within its own test plot-plants are usually uniform and data are collected on the "most" representative plants- variability occurs due to spacial location of the test plot for that variety from year to year and to the temporal variation of weather conditions from year to year during the 2-3 years data are collected.

Waterman Research Station Weather Data 2003-2004

Date	Average Precip. (mm)	Ave. Monthly Temp – Max. (F°)	Ave. Monthly Temp-Min (F°)	Ave. Monthly Rel. Humid Max (%)	Ave. Monthly Rel. Humid – Min (%)
June 2003	2.0	75.7	55.7	-	-
July 2003	6.4	82.2	62.2	-	-
August 2003	2.6	83.5	63.5	_	_
Sept 2003	2.6	72.9	52.9	_	<u>-</u>
June 2004	3.1	76.4	56.8	92.8	50.6
July 2004	3.2	79.3	59.2	94.9	55.9
August 2004	3.0	75.4	54.7	95.8	55.3
Sept. 2004	0.5	78.1	51.6	95.0	43.1

United States Department of Agriculture, Agricultural Marketing Service Science and Technology, Plant Variety Protection Office National Agricultural Library Building, Room 400 Beltsville, MD 20705-2351

OBJECTIVE DESCRIPTION OF VARIETY CORN (Zea mays L.)

		CORN (Zea ma	ys L.)			
	Name of Applicant(s)		Variety Seed Source	Varie	ety Name or Temporary D	esignation
	Monsanto Technology LLC LLC			j	1285302	
	Address (Street & No., or R.F.D. No., City, State, Zip Code and Country)		FOR	OFFICIAL USE	VPO Number
)	8350 Minnegan Road, Waterman, IL 60556				2006001	32
	Place the appropriate number that describes the varietal characters typical of this inbred variety in the spaces below. Right justify whole numbers by adding leading zeroes if necessary. Completeness should be striven for to establish an adequate variety description.					
	COLOR CHOICES (Use in conjunction with Munsell color code to describe to the code to the code to describe to the code to the c	ibe all color choices; desc 11=Pink 12=Light Red 13=Cherry Red 14=Red 15=Red & White	16=Pale 17=Purp 18=Colo 19=Whit	Purple le rless	n): 21=Buff 22=Tan 23=Brown 24=Bronze 25=Variegated (D 26=Other (Desc	
	STANDARD INBRED CHOICES (Use the most similar (in background and maturity) of these to make comparisons based on grow-out trial data): Yellow Dent Families: Yellow Dent (Unrelated): Sweet Corn: Family Members C0109, ND246, C13, lowa5125, P39, 2132 B14 CM105, A632, B64, B68 Oh7, T232 B37 B37, B76, H84 W117, W153R Popcorn: B73 N192, A679, B73, NC268 W182BN SG1533, 4722, HP301, HP7211 C103 Mo17, Va102, Va35, A682 White Dent: Pipecorn: Oh43 A619, MS71, H99, Va26 White Dent: Pipecorn: WF9 W64A, A554, A654, Pa91 CI66, H105, Ky228 M015W, M016W, M024W					
ĺ	1. TYPE: (describe intermediate types in Comments section) Standard Inbred Name A619					
	2 1=Sweet 2=Dent 3=Flint 4=Flour 5=Pop 6=Ornamental 7=Pipecorn			2 Type		
	2. REGION WHERE DEVELOPED IN THE U.S.A.:			Standard Seed Source		
	2 1=Northwest 2=North central 3=Northeast 4=Southeast	5=South central 6=So	uthwest 7=Other	2 Region		
	3. MATURITY (In Region Best Adaptability; show Heat Unit formula in "Comments" section): DAYS HEAT UNITS 87					
	From 10% to 90% pollen shed					
	From 50% silk to optimum edible qu	ıality				
	From 50% silk to harvest at 25% mo	oisture				
Ī	4. PLANT:	Standard Deviation	Sample Size	Mean	Standard Deviatio	n Sample Size
ľ	1 9 4. 8 cm Plant Height (to tassel tip)	17.4	30	1 8 8.3	14.1	30
	0 6 3. 5 cm Ear Height (to base of top ear node)	13.8	30	0 5 4.7	7.2	30
	17.3 cm Length of Top Ear Internode	1.0	30	0 1 5.5	1.2	30
	Average Number of Tillers					
	1.0 Average Number of Ears per Stalk	0.0	30	0 0 1.0	0.0	30
	2 Anthocyanin of Brace Roots: 1=Absent 2=Faint 3=Moo	lerate 4=Dark		1		
	Application Variety Data	Page 1		Standard Inb	red Data	
_		······································				

. [Application Vari	ety Data	Page 2		Standard Inbred	d Data	4
	5. LEAF:		Standard Deviation	Sample Size	Mean	Standard Deviation	Sample Size
	07.1	cm Width of Ear Node Leaf	0.6	30	8. 6	0.5	30
	6 9, 7	cm Length of Ear Node Leaf	3.2	30	7 1.3	3,5	30
	5.1	Number of leaves above top ear	0,3	30	5. 1	0.6	15
	27,8	degrees Leaf Angle (measure from 2nd leaf above ear at anthesis	6.6 to stalk above leaf)	30	2 9.3	6.5	30
-	03	Leaf Color (Munsell code 5 GY 3/4)			0 2 (Munsel	l code 5 GY 4/8)	
	4	Leaf Sheath Pubescence (Rate on scale from	1=none to 9=like peach fuzz)		2		
-	6	Marginal Waves (Rate on scale from 1=none	to 9=many)	•	6		
	4	Longitudinal Creases (Rate on scale from 1=r	one to 9=many)		7		
•	3. TASSEL:		Standard Deviation	Sample Size	Mean	Standard Deviation	Sample Size
	0 8.8	Number of Primary Lateral Branches	2.2	30	9. 8	2.0	30
	3 4. 2	Branch Angle from Central Spike	6.5	30	2 6.7	8.0	30
	3 8. 2	cm Tassel Length (from top leaf collar to tassel tip)	2.5	30	4 1.7	3.3	30
	6.6	Pollen Shed (Rate on scale from 0=male sterile	to 9=heavy shed)		5.6		
	07	Anther Color (Munsell code 2.5 Y 8/10)			0 7 (Muns	ell code 2.5 Y 8/10)	
	17	Glume Color (Munsell code 5 RP 5/8)			0 2 (Muns	eli code 5 GY 4/8)	
-	1	Bar Glumes (Glume Bands): 1=Absent 2=Prese	ent		1		
7	a. EAR (Unhus	ked Data):		74/HA		****	
	0 5 Sill	: Color (3 days after emergence) (Munsell code :	2.5 GY 8/6)		0 7 (Munse	ell code 2.5 Y 8/10)	
		sh Husk Color (25 days after 50% silking) (Muns			0 2 (Muns	ell code 5 GY 4/8)	
		Husk Color (65 days after 50% Silking) (Munsell	•		2 1 (Muns	ell code 2.5 Y 8/4)	
1		tion of Ear at Dry Husk Stage: 1=Upright 2=Hori			1		
		k Tightness (Rate on scale from 1=very loose to			9		
	2 Husi	x Extension (at harvest): 1=Short (ears exposed Long (>10 cm)		i-10 cm beyond ear	2		
71	o. EAR (Husked	Ear Data):	Standard Deviation	Sample Size	Mean	Standard Deviation	Sample Size
	1 4. 5	cm Ear Length	0.5	30	1 2.5	2.5	30
	3 9. 0	mm Ear Diameter at mid-point	1.6	30	4 1.8	3.6	20
	1 1 1.3	gm Ear Weight	12.6	30	8 9.4	9.4	30
	15.6	Number of Kernel Rows	1.6	30	1 3.2	1.0	20
	2	Kernel Rows: 1=Indistinct 2=Distinct			2		
	1	Row Alignment: 1=Straight 2=Slightly Curved 3	=Spiral		1		
	0 9.6	cm Shank Length	1.3	30	1 0.5	2.7	20
	2	Ear Taper: 1=Slight 2=Average 3=Extreme			2		
Ap	plication Variety	Data			Standard Inbred	Data	**
No	te: Use chart or	first page to choose color codes for color traits.				- side	
	:				•		

S. KERNEL (Orfind): Standard Deviation Sample Size Mean Standard Deviation Sample Size 1 0 7 7 0.5 20	Application Variety Data	Page 3		Standard Inbred	I Data	
8.1 ram Kernel Width	8. KERNEL (Dried):	Standard Deviation	Sample Size	Mean	Standard Deviation	Sample Size
4.5 mm Kernel Trickness	9 .3 mm Kernel Length	0.5	30	1 0.7	0.5	20
3 0.7 % Round Karnels (Shape Grade) 1 Allestone Color (Pattern: 1+Homorygous 2-Segregating (describe)	8 .1 mm Kernel Width	0.5	30	0 9.1	0.5	20
1 Aleurone Color Petiteir: 1=Homozygous 2=Segregating (describe) 1 1 9 Aleurone Color (Munsel code Lighter than 5 Y 81*) 1 7 Hard Endoeperm Coor (Munsel code 2 X 91*) 2 8 Aleurone Color (Munsel code 2 X 91*) 3 Endoeperm Type: 1 Sweet (set) 2 = Extra Sweet (set) 2 = High Problem 7 = High Lyaine 8 = Super Sweet (set) 5 = High Problem 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Problem 7 = High Lyaine 8 = Super Sweet (set) 5 = High Problem 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Pottin 7 = High Lyaine 8 = Super Sweet (set) 5 = High Lyaine 8 = High Lyaine 8 = Super Sweet (set) 5 = High Lyaine 8 = Super Sweet (set) 5 = High Lyaine 8 = Super Sweet (set) 5 = High Lyaine 8 = Super Sweet (set) 5 = High Lyaine 8 = High Lya	4 .5 mm Kernel Thickness	0.3	30	0 4.7	0.7	20
1 9 Aleurone Color (Munsell code Lighter Than 5 Y 6/1) 0 7 Hard Endagerm Color (Munsell code 2 EY 8/10) 3 2 Endagerm Color (Munsell code 2 EY 8/10) 3 3 Endagerm Color (Munsell code 2 EY 8/10) 3 2 Endagerm Color (Munsell code 2 EY 8/10) 1-0-Cibler 1-0-Cibler 2 7.7 gm Weight per 100 Kernels (unsized sample) 3 5 1900 seeds 2 2 .1 4.6 2000 seeds 9 .COB: 2 5 .1 mm Cob Diameter at mid-point 0 .8 30 1 1 Cob Color (Munsell code 5 R 6/9) 1 1 Cob Color (Munsell code 5 R 6/9) 1 1 Cob Color (Munsell code 5 R 6/9) 1 1 Cob Color (Munsell code 5 R 6/9) 1 2 .1 mm Cob Diameter at mid-point 1 0 .DISEASE RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested; leave Race or Shario options blank if polygenic) A Leaf Blights. Wilts, and Local Infection Diseases 9 Anthracrose Leaf Blight (Collectorichum graminicole) 5 Common Stand, (Losliega praydis) 7 Common Stand, (Losliega praydis) 7 Common Stand, (Losliega praydis) 8 Gerey Leaf Spot (Cercoager zero-ensymble) 8 Gerey Leaf Spot (Cercoager zero-ensymble) 9 Color (Specify) 1 S eleaf Stand (Proceine sough) 1	3 0. 7 % Round Kernels (Shape Grade)	10.6	500g	2 2 .8	8.9	500g
9.7 Hard Endosperm Type: 1-Sweet (sur) 2-Estria Sweet (sur) 3-Normal Stanch 4-High Amylose Starch 5-Ways Starch 6-High Protein 7-High Lysine 8-Super Sweet (se) 9-High Oil 0-10-Cher 27.7 gm Weight per 100 Kernelis (unsized sample) 3.5 1900 seeds 2.2.1 4.6 2000 seeds 2.7.7 gm Weight per 100 Kernelis (unsized sample) 3.5 1900 seeds 2.2.1 4.6 2000 seeds 2.2.1 4.6 2000 seeds 2.2.1 4.6 2000 seeds 2.2.1 1.0 Che Color (Munsell code S R 6/6) 1.1 Che Color (Munsell code S R 6/6) 1.2 2.0 2.0 1.2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	Aleurone Color Pattern: 1=Homozygous 2=Segrega	ating (describe)		1		
3 Endosperm Type: 1=Sweet (su1) 2=Ebria Sweet (su2) 3=Normal Slanch 4=High Amykae Slanch 5=Wany Slanch 6=High Protein 7=High Lysine 6=Super Sweet (se) 3+High Cul 7+High Cul 7+H	1 9 Aleurone Color (Munsell code Lighter than 5 Y 9/1)			1 9 (Munse	ell code Lighter Than 2.5 Y	['] 9/2)
S=Waxy Starch 6=High Protein 7=High Lysine 8=Super Sweet (see) 9=High Oil 10-Other 27.7 gm Weight per 100 Kernels (unsized sample) 3.5 1900 seeds 2.2.1 4.8 2000 seeds 9. COB: Standard Deviation Sample Size 2.5.1 mm Cob Diameter at mid-point 0.8 30 27.2 12 20 1 1 9 (Munsell code Lighter then 5 Y 6/1) 1 1. Cob Color (Munsell code S R (6/6) 2.1.1 Cob Color (Munsell code S R (6/6) 2.7.2 12 20 1 1 9 (Munsell code Lighter then 5 Y 6/1) 2. Cob Color (Munsell code S R (6/6) 2. Common Rust Color (Dischark (a) Polypanic): A Leaf Blight, Swilts, and Local Infection Diseases 6 Anthracrose Leaf Blight (Collectrichum graminoolo) 5 Common Rust (Usalago maydis) 7 Common Smut (Usalago maydis) 7 Common Smut (Usalago maydis) 8 Common Rust (Usalago maydis) 9 (Race 1 Stort (Exception Leaf	0 7 Hard Endosperm Color (Munsell code 2.5 Y 8/10)			2 6 Orar	nge (Munsell code 7.5 YR	6/8)
9. COB. 10. DISEASE RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested; leave Race or Strain Options blank if polygenic): 10. DISEASE RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested; leave Race or Strain Options blank if polygenic): A Leaf Blights, Wills, and Local Infection Diseases A Anthracrose Leaf Blight (Calebratichum graminicole) 5 Common Rust (Pucciolia sorghi) Common Rust (Vesidage maydis) 7 Eyespot (Ababriella zeae) 4 Cossà s Will (Saldage maydis) 7 Eyespot (Ababriella zeae) 8 Southern Leaf Blight (Calebratichum graminicole) 9 Southern Rust (Saldage maydis) 10 Southern Leaf Blight (Eyelaris maydis) 10 Southern Leaf Blight (Eyelaris maydis) 11 Southern Leaf Blight (Eyelaris maydis) 12 Southern Leaf Blight (Eyelaris streamti) 13 Southern Leaf Blight (Eyelaris streamti) 14 Southern Leaf Blight (Eyelaris streamti) 15 Selevata Will (Erwinia streamti) 16 Southern Rust (Pucciolia polygona) 17 Southern Leaf Blight (Exerciple Leaf Blight) 18 Systemic Diseases 19 Corn Lethal Necrosis (MCMV and MDMV) 19 Southern Leaf Blight (Eyelaris streamti) 10 Other (Specify) 10 Distraction (Calebratichum graminicole) 11 Southern Leaf Blight (Eyelaris streamti) 12 Strain 13 Strain 14 Southern Leaf Blight (Eyelaris streamti) 15 Selevata Will (Erwinia streamti) 16 Selevata Will (Erwinia streamti) 17 Southern Leaf Blight (Eyelaris streamti) 18 Systemic Diseases 19 Corn Lethal Necrosis (MCMV and MDMV) 19 Systemic Diseases 20 Corn Lethal Necrosis (MCMV and MDMV) 21 Selevation (Systemic Devert Virus Maize Dwarf Mossic Virus (Systemic Dwarf Vir	5=Waxy Starch 6=High Protein 7=High Lysine			03		
2 5.1 mm Cob Diameter at mid-point 0.8 30 2 7.2 1.2 20 1 1 Cob Color (Munsell code 5 R 6/6) 1 1 9 (Munsell code Lighter then 5 Y 9/1) 10. DISEASE RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested; leave Race or Strain Options blank if polygenic): A Leaf Blights, Wills, and Local Infection Diseases A Anthracose Leaf Blight (Collotoricum graminicota) 5 Anthracose Leaf Blight (Collotoricum graminicota) Common Rust (Aliagon mar/6) 7 Eyespot (Asabafella zeae) 4 Goss's Will (Collotoricum graminicota) 5 Gray Leaf Spot (Cercospora zeae-mayulis) 5 Helminimosporium Leaf Spot (Bighories zeicota) 8 Goss's Will (Collotoricum graminicota) 5 Southern Leaf Blight (Epolamis graph) 8 Southern Leaf Blight (Epolamis graph) 8 Southern Leaf Blight (Epolamis graph) 9 Systemic Diseases Corn Lethal Necrosis (MCMV and MDMV) 1 Had Strain (MCMV) 1 Had Strain (MCMV) 1 Maize Chhorico Mottle Virus (MDMV) 1 Maize Chhorico Mottle Virus (MDMV) 2 Salvaria Vill (Ervaria stewartin) 2 Other (Specify) C Stalk Rota 2 Anthracose Stalk Rot (Colletorichum graminicota) Diplodia Stalk Rot (Stale Rot (Stale Rot Stale Rot Other (Specify) Diplod	27.7 gm Weight per 100 Kernels (unsized sample)	3.5	1900 seeds	2 2. 1	4.6	2000 seeds
1 1 Cob Color (Munsell code E Ré/6) 1 9 (Munsell code Lighter then 5 Y 9/1) 10. DISEASE RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested; leave Race or Strain Options blank if polygenic); A Leaf Blights, Wills, and Local Infection Diseases 6 Anthracnose Leaf Blight (Collectrichum graminicole) 5 Common Rust (Puccinia sorgh) 7 Common Rust (Puccinia sorgh) 8 Common Rust (Puccinia sorgh) 9 Common Rust (Puccinia sorgh) 9 Common Rust (Puccinia sorgh) 1 Common Rust (Puccinia sorgh) 1 Common Rust (Puccinia sorgh) 1 Common Rust (Puccinia sorgh) 2 Common Rust (Puccinia sorgh) 3 Common Rust (Puccinia sorgh) 4 Cosa's Will (Calledhacter michiganenes spp. nebraskense) 5 Gray Leaf Spot (Cercospora zeae-maydis) 5 Helminthosporium Leaf Spot (Eliploriaris zerola) 8 Race 1 8 Netwentia Blight (Esserohilum turcium) 8 Race 1 8 Nothern Leaf Blight (Esserohilum turcium) 8 Race 1 9 Helminthosporium Leaf Spot (Eliploriaris zerola) 9 Contract (Puccinia solvearii) 9 Other (Specify) 1 Coller (Specify) 1 Coller (Specify) 1 Contract (Puccinia solvearii) 1 Common Rust 2 Common	9. COB:	Standard Deviation	Sample Size	Mean	Standard Deviation	Sample Size
10. DISEASE RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested; leave Race or Strain Options blank if polygenic): A Leaf Blights, Wilts, and Local Infection Diseases 6 Anthracnose Leaf Blight (Collectorichum graminicole) 5 Common Smut (Usting omaydis) — Common Smut (Jesting omaydis) — Goss's Wilt (Clarybacter michiganense spp. nebraskense) 5 Gray Leaf Spot (Cercospora zeae-maydis) 5 Helmithiosporium Leaf Spot (Bipticians selecial) — Race 2 9 Helminthosporium Leaf Spot (Internated Spot (Bipticians selecial) — Race 1 8 Southern Leaf Blight (Jesting Selecial) — Race 0 6 Southern Leaf Blight (Internated Spot (In	2 5 .1 mm Cob Diameter at mid-point	0.8	30	2 7. 2	1.2	20
Race or Strain Options blank if polygenic): A. Leaf Blights, Wilts, and Local Infection Diseases 6. Anthracnose Leaf Blight (Collectorichum graminicola) 7. Common Rust (Pucania sorgh) 7. Experiment Wilt (Collectorichum graminicola) 8. Common Rust (Pucania sorgh) 9. Common Rust (Common Rust) 1. Common Rust 1.	1 1 Cob Color (Munsell code 5 R 6/6)			1 9 (M un	sell code Lighter then 5 Y	9/1)
5 Common Rust (Pucorinia sorghi) Common Smut (Usiliago anyadis) 7 Eyespot (Kabatiella zeae) 4 Goss's Will (Cavibacter michiganense spp. nebraskense) 5 Gray Leaf Spot (Cercospora zeae-maydis) 5 Gray Leaf Spot (Cercospora zeae-maydis) 5 Helminthosporium Leaf Spot (Bipolafis zeicola)	Race or Strain Options blank if polygenic):	st resistant); leave blank	if not tested; leave			
Corn Lethal Necrosis (MCMV and MDMV) Head Smut (Sphacelothece relilana) Maize Chlorotic Dwarf Virus (MCDV) Maize Chlorotic (MCMV) Maize Dwarf Mosaic Virus (MDMV)	5 Common Rust (<i>Puccinia sorghi</i>) Common Smut (<i>Ustilago maydis</i>) 7 Eyespot (<i>Kabatiella zeae</i>) 5 Gray Leaf Spot (<i>Cercospora zeae-maydis</i>) 5 Helminthosporium Leaf Spot (<i>Bipolaris zeicola</i>) 5 Northern Leaf Blight (<i>Exserohilum turcicum</i>) 6 Southern Rust (<i>Puccinia polysora</i>) 6 Stewart's Wilt (<i>Erwinia stewartii</i>)	Race 1	-	Common R Common S 6 Eyespot 6 Goss's Willt 4 Gray Leaf S 9 Helminthos 5 Northern Le 7 Southern R 5 Southern R Stewart's W	ust mut Spot porium Leaf Spot saf Blight saf Blight	Race 1 Race O
Fusarium Stalk Rot (Fusarium moniliforme) Gibberella Stalk Rot (Gibberella zeae) Other (Specify) D. Ear and Kernel Rots Aspergillus Ear and Kernel Rot (Aspergillus flavus) Diplodia Ear Rot (Stenocarpella maydis) Fusarium Ear and Kernel Rot (Fusarium moniliforme) Gibberella Ear Rot (Gibberella zeae) Other (Specify) Aspergillus Ear Rot (Gibberella zeae) Gibberella Ear Rot (Gibberella zeae) Other (Specify) Application Variety Data Standard Inbred Data	Corn Lethal Necrosis (MCMV and MDMV) Head Smut (Sphacelotheca reiliana) Maize Chlorotic Dwarf Virus (MCDV) Maize Chlorotic Mottle Virus (MCMV) Malze Dwarf Mosaic Virus (MDMV) Sorghum Downy Mildew of Corn (Peronosclerospora sorghi) Other (Specify) C. Stalk Rots Anthracnose Stalk Rot (Colletotrichum graminicola)	Strain		Head Smut Maize Chlor Maize Chlor Maize Dwar Sorghum D	rotic Dwarf Virus ritic Mottle Virus f Mosaic Virus owny Mildew of Corn	Strain
Gibberella Ear Rot (Gibberella zeae) Other (Specify) Application Variety Data Fusarium Ear & Kernel Rot Gibberella Ear Rot Other (Specify) Standard Inbred Data	Fusarium Stalk Rot (Fusarium moniliforme) Gibberella Stalk Rot (Gibberella zeae) Other (Specify) D. Ear and Kernel Rots Aspergillus Ear and Kernel Rot (Aspergillus flavus) Diplodia Ear Rot (Stenocarpella maydis)			Diplodia Sta Fusarium S Gibberella S Other (Spec	alk Rot talk Rot Stalk Rot Sify)	
	Gibberella Ear Rot (Gibberella zeae) Other (Specify)			Fusarium E Gibberella I Other (Spec	ar & Kernel Rot Ear Rot Lify)	
Note: Use chart on first page to choose color codes for color traits.				Standard Inbred	Data	

Application Variety Data Page 4	Standard Inbred Data
11. INSECT RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested): Standard Deviation Sample Size	Standard Deviation Sample Size
Banks Grass Mite (Oligonychus pratensis)	Banks Grass Mite
Corn Earworm (<i>Helicoverpa zea</i>) Leaf-Feeding Silk Feeding : mg larval wt.	Corn Earworm Leaf Feeding
Slik Feeding : mg larval wt Ear Damage	Ear Damage
Corn Leaf Aphid (Rhopalosiphum maidis) Corn Sap Beetle (Carpophilus dimidiatus)	Corn Leaf Aphid Corn Sap Beetle
European Corn Borer (Ostrinia nubilalis) 1st Generation (Typically Whorl Leaf Feeding) 2nd Generation (Typically Leaf Sheath-Collar Feeding) Stalk Tunneling: cm tunneled/plant	European Corn Borer 1st Generation 2nd Generation
Fall Armyworm (Spodoptera frugiperda) Leaf-Feeding Silk-Feeding:mg larval wt	Fall Armyworm Leaf Feeding
Maize Weevil (Sitophilus zeamaize) Northern Rootworm (Diabrotica barberi) Southern Rootworm (Diabrotica undecimpunctata)	Maize Weevil Northern Rootworm Southern Rootworm
Southwestern Corn Borer (<i>Diatraea grandiosella</i>) Leaf Feeding Stalk Tunneling:cm tunneled/plant	Southwestern Corn Borer Leaf Feeding
Two-spotted Spider Mite (Tetranychus urticae) Western Rootworm (Diabrotica virgifera virgifera) Other (Specify)	Two-spotted Spider Mite Western Rootworm Other (Specify)
12. AGRONOMIC TRAITS:	
7 Stay Green (at 65 days after anthesis) (Rate on a scale from 1=worst to 9=excellent.)	6 Stay Green
0 0. 0 % Dropped Ears (at 65 days after anthesis)	0 0. 2 % Dropped ears
0 0 .0 % Pre-anthesis Brittle Snapping	0 0.0 % Pre-anthesis Brittle Snapping
0 0. 0 % Pre-anthesis Root Lodging	0 0.0 % Pre-anthesis Root Lodging
0 0. 0 % Post-anthesis Root Lodging (at 65 days after anthesis)	0 0.0 % Post-anthesis Root Lodging
Kg/ha Yield of Inbred Per Se (at 12-13% grain moisture)	Yield
13. MOLECULAR MARKERS: (0=data unavailable; 1=data available but not supplied; 2=data supplied)	
1 Isozymes 0 RFLP's 0 RAPD's Other (Specify)	
REFERENCES:	
Butler, D.R. 1954. A System for the Classification of Corn Inbred Lines. PhD Thesis, Ohio State University. Emerson, R.A., G.W. Beadle, and A.C. Fraser. 1935. A Summary of Linkage Studies in Maize. Cornell A.E.S., Mem. 180 Farr, D.F., G.F. Bills, G.P. Chamuris, A.Y. Rossman. 1989. Fungi on Plant and Plant Products in the United States. The Inglett, G.E. (Ed.) 1970. Corn: Culture, Processing, Products. Avi Publishing Company, Westport, C.T. Jugenheimer, R.W. 1976. Corn: Improvement, Seed Production, and Uses. John Wiley & Sons, New York. McGee, D.C. 1988. Maize Diseases. APS Press, St. Paul, MN. 150 pp. Munsell Color Chart for Plant Tissues. Macbeth. P.O. Box 230. Newburgh, N.Y. 12551-0230 The Mutants of Maize. 1968. Crop Science Society of America. Madison, W. Shurtleff, M.C. 1980. Compendium of Corn Diseases. APS Press, St. Paul, MN. 105 pp. Sprague, G.F., and J.W. Dudley (Editors). 1988. Corn and Corn Improvement, Third Edition. Agronomy Monograph 18. A Stringfield, G.H. Maize Inbred Lines of Ohio. Ohio A.E.S., Bul. 831. 1959. U.S. Department of Agriculture. 1936, 1937. Yearbook.	American Phytopathological Society, St. Paul, MN.
COMMENTS (e.g. state how heat units were calculated, standard inbred seed source, and/or where data was collected. Or	Continue in Exhibit D):
Heat Unit Calculation: GDU = <u>Daily Max Temp (<=86°F) + Daily Min Temp (>=50°F)</u>	- 50°F
Supplemental data obtained from 2006 seed inventory and production parent test.	

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1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME
	OR EXPERIMENTAL NUMBER	O. VIGILLI I IVAIVIL
Monsanto Technology L.L.C		1285302
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (Include area code)	C FAV :
, , , , , , , , , , , , , , , , , , ,	3. TELEPTIONE (Include area code)	6. FAX (Include area code)
800 N. Lindbergh Blvd.	(815) 758-9281	(815) 758-3117
Creve Couer, MO 63167	7. PVPO NUMBER	<u> </u>
U.S.A.		200600132
8. Does the applicant own all rights to the variety? Mark an "X" in		
9. Is the applicant (individual or company) a U.S. national or a U.S.	S. based company? If no, give name of co	ountry. X YES NO
10. Is the applicant the original owner?	NO If no, please answer one of	of the following:
<u> </u>		
b. If the original rights to variety were owned by a company(ie	es), is (are) the original owner(s) a U.S. base	
		•
Corn Variety 285302 was originated and Technology L.E. By agreement between rights to any invention, discovery or developments and the rights to such invention, discovery or developments.	developed by a breeder employed on Monsanto Technology L.L.C. and opment are assigned to Monsanto	by Monsanto I the breeder, all Technology トーモ ムノC
PLEASE NOTE:		
Plant variety protection can only be afforded to the owners (not lice	ensees) who meet the following criteria:	
I. If the rights to the variety are owned by the original breeder, that national of a country which affords similar protection to nationals	person must be a U.S. national national of	a UPOV member country, or
. If the rights to the variety are owned by the company which empl nationals of a UPOV member country, or owned by nationals of a genus and species.	loved the original breeder(s) the company of	nuist he II S besed owned by
. If the applicant is an owner who is not the original owner, both the	e original owner and the applicant must me	et one of the above criteria.
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> U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705

EXHIBIT F

NAME OF OWNER (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	TEMPORARY OR EXPERIMENTAL DESIGNATION	
Timothy R. Kain	8350 Minnegan Road		
	Waterman, IL 60556 U.S.A.	VARIETY NAME I285302	
NAME OF OWNER REPRESENTATIVE (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	FOR OFFICAL USE ONLY	
Monsanto Technology LLC	8350 Minnegan Road Waterman, IL 60556	PVPO NUMBER	
	U.S.A.	200606132	

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.